

DOOR SIZE		P.S.F. TABLE				NO. OF SECTIONS
WIDTH	HEIGHT	DESIGN PRESSURE	TEST PRESSURE	POSITIVE	NEGATIVE	
8'-0"	7'-0"	+47.2	-52.0	+70.8	-79.0	4
9'-0"	7'-0"	+41.9	-46.8	+62.9	-70.2	
9'-0"	8'-0"	+36.7	-40.9	+55.1	-61.4	
9'-0"	8'-0"	+41.9	-46.8	+62.9	-70.2	5

NOTE: UNLESS SPECIFIED OTHERWISE, ALL FASTENERS ARE 1/4"-14 X 1/2" HEX HEAD SHEET METAL SCREWS OR 1/4"-20 X 5/8" HEX BOLTS AND NUTS.

DOORS SHOWN ON THIS DRAWING HAVE BEEN DEMONSTRATED TO WITHSTAND THE PRESSURES LISTED IN THE TABLE ABOVE. IBC ASSUMPTIONS: 140 MPH EXPOSURE "B", 15' ROOF HEIGHT, ROOF PITCH > 10°, 2' OF DOOR IN END ZONE, FULLY ENCLOSED. FBC ASSUMPTIONS: 140 MPH EXPOSURE "B", 120, 130, 140 MPH EXPOSURE "C", 30' ROOF HEIGHT, ROOF PITCH > 10°, 2' OF DOOR IN END ZONE, FULLY ENCLOSED.

AN ARCHITECT OR STRUCTURAL ENGINEER MUST DETERMINE IF THE DOOR IS SUITABLE FOR OTHER LOCATIONS.

DOORS SMALLER THAN THOSE SHOWN WILL WITHSTAND THE INCREASED PRESSURE LOADS, GIVEN THE SAME CONDITIONS. THE INCREASE IN DOOR STRENGTH IS GREATER THAN THE INCREASE IN PRESSURE AS THE DOOR SIZE IS MADE NARROWER OR SHORTER.

NOTE: GLAZING DOES NOT SATISFY IMPACT DEBRIS REQUIREMENTS IN FBC

MEETS FLORIDA BUILDING CODE REQUIREMENTS FOR PARTIALLY ENCLOSED CONSTRUCTION FOR 130MPH, EXPOSURE B

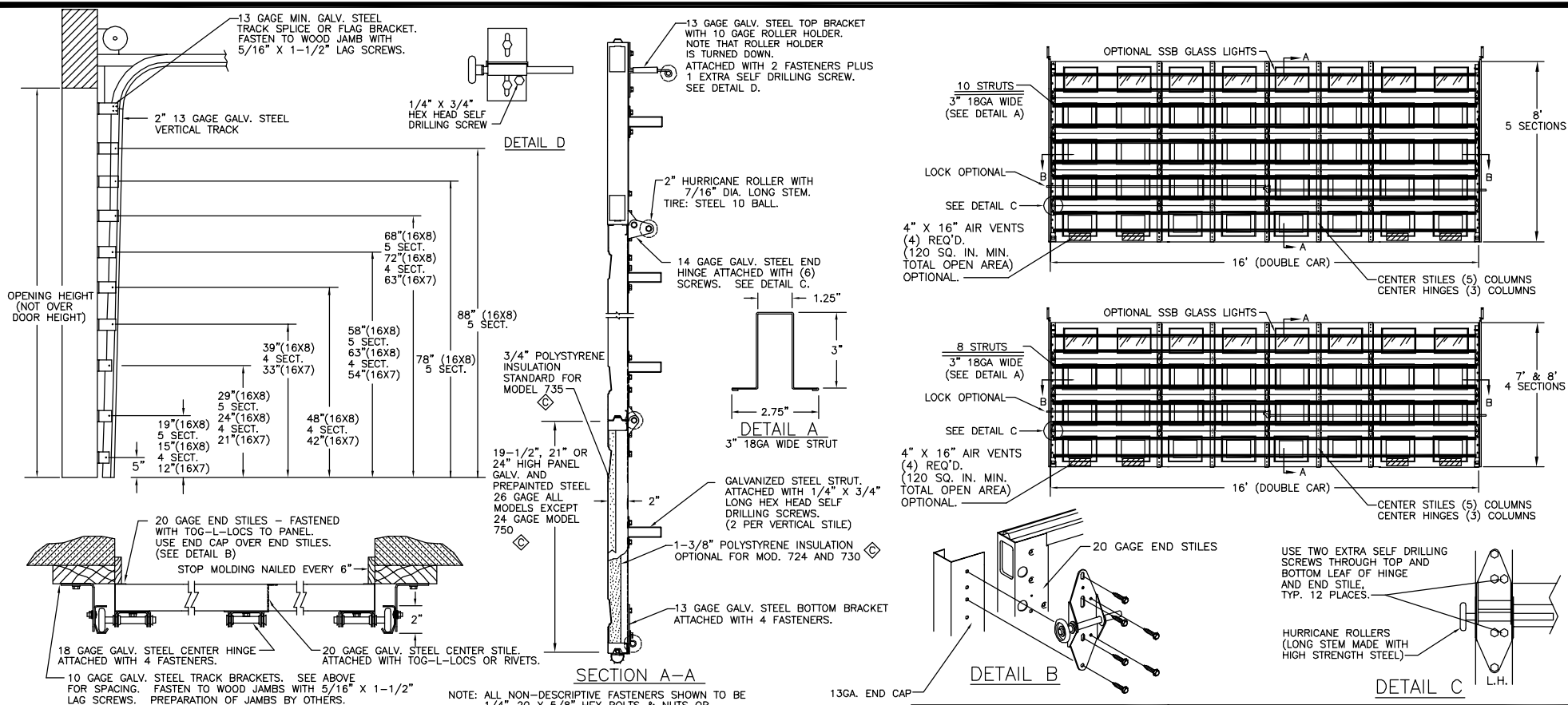
i	2684	10/20/04	RLB
H	2621	12/11/03	KDD
G	2613	11/17/03	KDD
F	2552	5/19/03	RDS
E	2498	10/1/02	KDD
D	2486	8/19/02	KDD
C	2422	3/5/02	KDD
B	2413	1/25/02	
A	2137	2/9/00	
-	1574		

REV. E.C.N. DATE APPROV.



P.O. BOX 8915
LITTLE ROCK, AR
72219-8915
(501) 562-1872

MODELS: 724, 426, 730, 735, 750, 800, 755, 765			
PART NAME: WINDLOAD RESIDENTIAL STEEL DOORS			
TOLERANCE FRAC. ± 1/64" DEC. ± .015 ANG. ± 1°			
SCALE NONE	PLOT SCALE 1=1	DATE: 5/29/96	DWG. NO. 99-B-039
SHEET 1 OF 3			



DOOR SIZE		P.S.F. TABLE				NO. OF SECTIONS
		DESIGN PRESSURE	TEST PRESSURE	POSITIVE	NEGATIVE	
WIDTH	HEIGHT	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE	
16'-0"	7'-0"	+39.5	-44.4	+59.3	-66.6	4 SECTIONS
16'-0"	8'-0"	+34.6	-38.8	+51.9	-58.3	4 SECTIONS
16'-0"	8'-0"	+39.5	-44.4	+59.3	-66.6	5 SECTIONS

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John E Scates PE
Florida Reg. #51737
1411 LeMay #205
Carrollton, TX 75007
(972)466-0550

NOTE: GLAZING DOES NOT SATISFY IMPACT DEBRIS REQUIREMENTS IN FBC

MEETS FLORIDA BUILDING CODE REQUIREMENTS FOR PARTIALLY ENCLOSED CONSTRUCTION FOR 130MPH, EXPOSURE B

i	2684	10/20/04	RLB
H	2621	12/11/03	KDD
G	2613	11/17/03	KDD
F	2552	5/19/03	RDS
E	2498	10/1/02	KDD
D	2486	8/19/02	KDD
C	2422	3/5/02	KDD
B	2413	1/25/02	
A	2137	2/9/00	
-	1574		

REV. E.C.N. DATE APPROV.

WR WINDSOR REPUBLIC DOORS

P.O. BOX 8915
LITTLE ROCK, AR
72219-8915
(501) 562-1872

MODELS: 724, 426, 730, 735, 750, 800, 755, 765

PART NAME: WINDLOAD RESIDENTIAL STEEL DOORS
FOR IBC 140 MPH; FBC 140 EXPOSURE "B"; FBC 120, 130 & 140 EXPOSURE "C".

TOLERANCE: FRAC. ± 1/64" DEC. ± .015 ANG. ± 1'

SCALE: NONE

DATE: 5/29/96

DWG. NO. 99-B-039

SHEET 2 OF 3

